Contents

Volume 44, Number 1, May 1990

Neuron-Specific Enolase During Chemotherapy of Small Cell Lung Cancer
P.K. Buamah, S.R. Drake, H.M. Smedley, W.A.H. Bodger, and A.W. Skillen 1

Enhanced Killing of Human Small Cell Lung Cancer By Hyperthermia and Indium-111—Bleomycin Complex
De-Yan Hou and Yosh Maruyama 5

Evaluation of Voice by Patients and Close Relatives Following Different Laryngeal Cancer Treatments
David E. Schuller, Michael Trudeau, Jane Bistline, and Karen LaFace 10

Fine-Needle Aspiration Cytology of Abdominal Masses
Ajay Kumar Khanna, Mahendra Kumar Misra, Anuradha Khanna, Vijay Kumar Misra, and Sushila Khanna 15

Possible Association Between Gastrectomy and Subsequent Development of Esophageal Cancer
Michio Maeta, Shigemasa Koga, Tetsu Shimizu, and Katsuaki Matsui 20

Laryngotracheal Invasion by Well-Differentiated Thyroid Cancer: Diagnosis and Management
Errol Britto, Sushila Shah, Deepak M. Parikh and Raja S. Rao 25

Adrenalectomy for Adrenal Metastasis From Lung Carcinoma
Luis Reyes, Zafar Parvez, Takuma Nemoto, A.-M. Regal, and Hiroshi Takita 32

Evidence for the Existence of Different Types of Large Bowel Tumor: Suggestions From the Clinical Data of a Population-Based Registry
Maurizio Ponz de Leon, Carla Sacchetti, Romano Sassatelli, Gianni Zanghieri, Luca Roncucci, and Alessandra Scalmati 35

Correlation Between Mammography and the Pathology of Nonpalpable Breast Lesions
Michael P. Albert, Eckart Sachsse, Nicholas P.W. Coe, David W. Page, and William P. Reed 44

Sodium-24 Studies in Postmastectomy Lymphedema
Edward F. Scanlon, Francisco de P. Milland, and Leon Hellman 47

Early and Late Complications of Totally Implantable Venous Access Devices
Kevin J. Grannan and Philip H. Taylor 52

Brachytherapy in the Treatment of Solitary Colorectal Metastases to the Liver
D. Donath, D. Nori, A. Turnbull, N. Kaufman, and J.G. Fortner 55

Married Couples and Cancer
Natalio Walach 62

Pituitary Apoplexy Following Coronary Artery Bypass Surgery
Lorie M. Shapiro 66

Volume 44, Number 2, June 1990

DNA Ploidy in Gastric Cancer With Metastasis to the Liver
Osamu Kimura, Nobuaki Kaibara, Masato Makino, and Hideaki Nishidoi 69

Localization of Intraperitoneal Xenografts of Human Colon Cancer by Radiolabeled Anti-CEA Antibodies
Rosemary B. Duda, Jeffrey Y.C. Wong, Raymond J. Paxton, Barbara G. Beatty, Lawrence E. Williams, John E. Shively, and J. David Beatty 73

Thyroid Carcinoma Infiltrating the Trachea: Clinical, Histologic, and Morphometric Analyses
Hiroaki Nomori, Koichi Kobayashi, Tsuneo Ishihara, Chikao Torikata, Yasuhiro Hosada, Osamu Ozaki, and Kunihiko Ito 78

Accuracy and Pitfalls of Frozen Section During Thyroid Surgery
Ashok Shaha, Lyon Gleich, Terry Di Maio, and Bernard M. Jaffe 84

An Alternative Approach to Nonpalpable Breast Biopsies
Stephen E. Reid, Jr., Edward F. Scanlon, Joel R. Bernstein, Milton L. Paige, Jon Matsumura, and Lisa Bailey 93

Serum CA 12-5 Concentrations and CA 12-5/CEA Ratios in Patients With Epithelial Ovarian Cancer
Paul K. Buamah, Mark O. Rake, Shirley R. Drake, and Andrew W. Skillen 97

Central Venous Catheter Complications in Sarcoma Patients Receiving Adjuvant Chemotherapy
Robert J. Israel, Gordon B. Magill, and Murray F. Brennan 100

Use of Rhodamine 123 in the Treatment of the Pollard III Rat Prostate Adenocarcinoma
John A. Arcadi 103

Effects of Intra-Arterial Chemotherapy With a New Lipophilic Anticancer Agent, Estradiol-Chlorambucil (KM2210), Dissolved in Lipiodol on Experimental Liver Tumor in Rats
Hiroto Egawa, Atsuhiko Maki, Keiichiro Mori, Yuzo Yamamoto, Satoshi Mitsuhashi, Kenji Bannai, Kiro Asano, and Kazue Ozawa 109

Localization of Small Liver Tumors
Guo-Hui Li and Jin-Qing Li 115

Predictors of Recurrent Disease After Negative Second-Look Laparotomy for Epithelial Ovarian Cancer
Ali Ayhan, Bülent Urman, Hakan Yarali, Kunter Yüce, and Ayşe Ayhan 119

Androgen, Estrogen, and Progesterone Receptor Contents and Serum Hormone Profiles in Patients With Benign Hypertrophy and Carcinoma of the Prostate
Vijay L. Kumar, Surender N. Wadhwa, Vijay Kumar, and Ahmad Farooq 122

Malignant Sertoli Cell Tumour of the Testis in a Child
S. Sharma, R.K. Seam, and H.L. Kapoor 129

Detection of Metastatic Thyroid Carcinoma by ^{99m}Tc-Pertechnetate in the Presence of Hyperfunctioning Thyroid Tissue
Yodphat Krausz and Tifha Horne 132

Volume 44, Number 3, July 1990

Editorial Comment: Excising Melanomas: How Wide Is Enough? And How to Reconstruct?
Charles M. Balch 135

Observations on the Natural History and Treatment of Recurrent Major Salivary Gland Cancer
John G. Armstrong, Louis B. Harrison, Ronald H. Spiro, Daniel E. Fass, Elliot W. Strong, and Zvi Y. Fuks 138

Expression of Ras Oncogene p21 Protein in Esophageal Squamous Cell Carcinoma
Alberto Ruol, Janet K. Stephens, Fabrizio Michelassi, Andrea Segalin, Silvia Chiarelli, Alberto Peracchia, David B. Skinner, and Alex G. Little 142

Natural History and Selective Management of In Transit Melanoma
Jan H. Wong, Leslie A. Cagle, Kelly H. Kopald, Stephen G. Swisher, and Donald L. Morton 146

Stromal Neoplasms of the Breast: A Comparative Flow Cytometric Study
Adel K. El-Naggar, Bruce MacKay, Nour Sneige, and John G. Batsakis 151

Radiation Therapy in the Treatment of Cervical Cancer: The University of Chicago/Michael Reese Hospital Experience
Janet S. Rader, Daniel J. Haraf, Howard J. Halpern, Jacob Rotmensch, Danny R. Spelbring, Harold Sutton, Godratollah Javaheri, and Ralph R. Weichselbaum 157

Malignant Fibrous Histiocytoma of Bone
Rekha V. Kumar, Geetashree Mukherjee, and M. Krishna Bhargava 166

Cecal Carcinoma: A Different Colon Malignancy?
Loek P.H. Leenen, Theo Wobbes, Harold J. Hoekstra, and Chris van der Werken 171

Stomal Recurrence: A Separate Entity?
Gerald D. Barr, A.G. Robertson, and K.C. Liu 176

Cancer of the Male Breast
Tadaoki Morimoto, Kansei Komaki, Takashi Yamakawa, Takashi Tanaka, Yuken Oomine, Yasunoki Konishi, Toshiaki Mori, and Yasumasa Monden 180

Surgical Treatment of the Cancer Patient: Preoperative Assessment and Perioperative Medical Management
Michael S. Ewer and M.K. Ali 185

Somatostatin Analogue and Tissue Cultures in the Study of a Human Malignant Glucagonoma
Håkan Ahlman, Lars Åhlund, Annica Dahlström, Lars Grimelius, and Elvar Theodorsson 191

Volume 44, Number 4, August 1990

Editorial Comments: Cancer Education in Latin America
Eduardo Caceres 201

PDN-21: Possible Tumor Marker for Medullary Thyroid Carcinoma
Hiroshi Takami, Jun-Ichi Shikata, Hitoshi Horie, Kyouichi Sekine, and Kunihiko Ito 205

Expression of Lewis^a, Lewis^b, and Sialated Lewis^a Antigens in Early and Advanced Human Gastric Cancers
Hiroshi Inagaki, Junichi Sakamoto, Hiroaki Nakazato, Anne E. Bishop, and Jiro Yura 208

Fine Needle Aspiration Biopsy in Clinical Management of Head and Neck Tumors
Michael B. Flynn, Stewart E. Wolfson, Steven Thomas, and James G. Kuhns 214

Adenocarcinoma of the Vermiform Appendix
Gary J. Harris, Luis F. Urdaneta, and Frank A. Mitros 218

Establishment of an Esophageal Squamous Cell Carcinoma Tumor Line and Development of Serum Squamous Cell Carcinoma-Related Antigen in Athymic Nude Mice
Masanori Terashima, Kenichiro Ikeda, Kaoru Ishida, and Kazuyoshi Saito 225

Primary Lymphoma of Bone: Experience of 39 Cases at the Tata Memorial Hospital, India
Shabbir S. Susnerwala, Ketayun A. Dinshaw, Subodh C. Pande, Shyam K. Shrivastava, Mary Ann Gonsalves, Suresh H. Advani, and Ramakrishna Gopal 229

Effective Palliation for Inoperable Esophageal Cancer Using Intensive Intracavitary Radiation
Erik H. Fleischman, A. Robert Kagan, John E. Bellotti, Oscar E. Streeter, Jr., and James C. Harvey 234

Multicentric Adult Secretory Breast Carcinoma: DNA Flow Cytometric Findings, Prognostic Features, and Review of the World Literature
Gene Richard, J.C. Hawk, III, A.S. Baker, Jr., and Robert Marshall Austin 238

Tumor Recurrence and Options for Further Treatment After Resection of Liver Metastases in Patients With Colorectal Cancer
Peter Hohenberger, Peter Schlag, Volker Schwarz, and Christian Herfarth 245

Adjuvant Chemotherapy and Scar Irradiation in Breast Cancer
Fikri Içli, Dilek Dinçol, Erdoğan Isikman, and Muttalip Ünal 252

Effects of Hyperthermia and Irradiation on the Growth of Mouse Melanoma Tumors Following Immunotherapy
Daniel M. Green, Thaddeus V. Samulski, Carol Vervaert, Edward C. Halperin, James R. Oleson, and Hilliard Seigler 256

Characterization of Four Newly Established Human Colorectal Adenocarcinoma Cell Lines From Chinese Patients
Jhy-Young Cheng, Ching-Liang Meng, Jih-Chang Lin, Ching-Cherng Tzeng, Li-Te Chin, and Kuo-Liang Shen 260

Pulmonary Coin Lesions Caused by *Dirofilaria Immitis*
Timothy S. Bailey, Abdolkarim Sohrabi, and Stuart S. Roberts 268

Extrapericardial Tamponade With Herniated Omentum After Transhiatal Esophagectomy
Kenneth Granke, Verne L. Hoshal, Jr., and Ron J. Vanden Belt 273

Author Index to Volume 44 277

Subject Index to Volume 44 282